LAMPIRAN

1.1 Perhitungan Modulus Elastisitas Paduan Ni30%Ti70%

$$E = \frac{\Delta\sigma}{\Delta\varepsilon}$$

$$E = \frac{4{,}9873 - 0{,}1732\ GPa}{0{,}079\ -\ 0{,}002}$$

$$E = \frac{4{,}8141\ GPa}{0{,}077}$$

$$E = 62{,}520\ GPa$$

1.2 Perhitungan Modulus Elastisitas Paduan Ni40%Ti60%

$$E = \frac{\Delta\sigma}{\Delta\varepsilon}$$

$$E = \frac{6{,}2446 - 0{,}1851 GPa}{0{,}084\ -\ 0{,}002}$$

$$E = \frac{4{,}4469\ GPa}{0{,}041}$$

$$E = 73{,}896\ GPa$$

1.3 Perhitungan Modulus Elastisitas Paduan Ni50%Ti50%

$$E = \frac{\Delta\sigma}{\Delta\varepsilon}$$

$$E = \frac{4{,}6283 - 0{,}1814\ GPa}{0{,}043\ -\ 0{,}002}$$

$$E = \frac{4{,}4469\ GPa}{0{,}041}$$

$$E = 108{,}460\ GPa$$

1.4 Perhitungan Modulus Elastisitas Paduan Ni60%Ti40%

$$E = \frac{\Delta\sigma}{\Delta\varepsilon}$$

$$E = \frac{4{,}3289 - 0{,}146\ GPa}{0{,}029\ -\ 0{,}003}$$

$$E = \frac{4{,}3143\ GPa}{0{,}075}$$

$$E = 57{,}524\ GPa$$

1.5 Perhitungan Modulus Elastisitas Paduan Ni70%Ti30%

$$E = \frac{\Delta\sigma}{\Delta\varepsilon}$$

$$E = \frac{2{,}1353 - 0{,}0199\ GPa}{0{,}029\ -\ 0{,}003}$$

$$E = \frac{2{,}1154\ GPa}{0{,}26}$$

$$E = 81{,}361 GPa$$